

**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

<b>Computer and Mathematical Occupations</b>	
<b>Standard Occupational Codes   Demand Occupations</b>	<b>Related Non-Credit Workforce Training Program   Credential</b>
<b>15-0000 Computer and Mathematical Occupations</b> <b>151132</b> Software Developers, Applications <b>151133</b> Software Developers, Systems Software <b>151121</b> Computer Systems Analysts <b>151151</b> Computer User Support Specialists <b>151142</b> Network and Computer Systems Administrators <b>151122</b> Information Security Analysts <b>151143</b> Computer Network Architects <b>151131</b> Computer Programmers <b>152031</b> Operations Research Analysts <b>151152</b> Computer Network Support Specialists <b>151141</b> Database Administrators <b>151134</b> Web Developers <b>151199</b> Computer Occupations, All Other	<b>CISCO Certified Entry Networking Technician (CCENT)</b> <ul style="list-style-type: none"> <li>Danville Community College</li> <li>Northern Virginia Community College</li> <li>Patrick Henry Community College</li> <li>Southside Virginia Community College</li> </ul> <b>CISCO Certified Information Systems Security Professional (CISSP)</b> <ul style="list-style-type: none"> <li>Thomas Nelson Community College</li> <li>Tidewater Community College</li> </ul> <b>CISCO Certified Network Associate</b> <ul style="list-style-type: none"> <li>Central Virginia Community College</li> <li>Danville Community College</li> <li>Northern Virginia Community College</li> <li>Patrick Henry Community College</li> <li>Southside Virginia Community College</li> </ul> <b>CISCO Certified Network Professional</b> <ul style="list-style-type: none"> <li>Danville Community College</li> </ul> <b>CompTIA A+</b> <ul style="list-style-type: none"> <li>Danville Community College</li> <li>Eastern Shore Community College</li> <li>Germanna Community College</li> <li>Northern Virginia Community College</li> <li>Paul D. Camp Community College</li> <li>Southside Virginia Community College</li> <li>Southwest Virginia Community College</li> <li>Thomas Nelson Community College</li> </ul> <b>CompTIA IT Fundamentals</b> <ul style="list-style-type: none"> <li>Southwest Virginia Community College</li> </ul> <b>CompTIA Network+</b> <ul style="list-style-type: none"> <li>Danville Community College</li> <li>Eastern Shore Community College</li> <li>Northern Virginia Community College</li> <li>Paul D. Camp Community College</li> <li>Southside Virginia Community College</li> <li>Southwest Virginia Community College</li> <li>Thomas Nelson Community College</li> <li>Tidewater Community College</li> </ul> <b>CompTIA Project+</b> <ul style="list-style-type: none"> <li>Paul D. Camp Community College</li> </ul> <b>CompTIA Security+</b> <ul style="list-style-type: none"> <li>Eastern Shore Community College</li> <li>Northern Virginia Community College</li> <li>Paul D. Camp Community College</li> <li>Southside Virginia Community College</li> <li>Thomas Nelson Community College</li> <li>Tidewater Community College</li> </ul> <b>CompTIA Server+</b> <ul style="list-style-type: none"> <li>Danville Community College</li> <li>Southside Virginia Community College</li> </ul> <b>EC-COUNCIL Certified Ethical Hacker</b> <ul style="list-style-type: none"> <li>Thomas Nelson Community College</li> </ul> <b>Microsoft MTA Networking Fundamentals</b> <ul style="list-style-type: none"> <li>Danville Community College</li> </ul> <b>Microsoft MTA Server Administration Fundamentals</b>

**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

	<ul style="list-style-type: none"> <li>• Danville Community College</li> </ul> <b>(ISC)2 Systems Security Certified Practitioner (SSCP)</b> <ul style="list-style-type: none"> <li>• Tidewater Community College</li> </ul>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Architecture and Engineering Occupations</b>	
<b>Standard Occupational Codes   Demand Occupations</b>	<b>Related Non-Credit Workforce Training Program   Credential</b>
<b>17-0000 Architecture and Engineering Occupations</b> 172051 Civil Engineers 172141 Mechanical Engineers 172071 Electrical Engineers 172011 Aerospace Engineers 172072 Electronics Engineers, Except Computer 172112 Industrial Engineers 173023 Electrical and Electronics Engineering Technicians 171011 Architects, Except Landscape and Naval 172199 Engineers, All Other 172081 Environmental Engineers 173029 Engineering Technicians, Except Drafters, All Other 172061 Computer Hardware Engineers 173022 Civil Engineering Technicians 172161 Nuclear Engineers 173031 Surveying and Mapping Technicians	

<b>Life, Physical and Social Science Occupations</b>	
<b>Standard Occupational Codes   Demand Occupations</b>	<b>Related Non-Credit Workforce Training Program   Credential</b>
<b>19-0000 Life, Physical and Social Science Occupations</b> 192041 Environmental Scientists and Specialists, Including Health 194099 Life, Physical, and Social Science Technicians, All Other 193099 Social Scientists and Related Workers, All Other 194021 Biological Technicians	

<b>Education, Training, and Library Occupations</b>	
<b>Standard Occupational Codes   Demand Occupations</b>	<b>Related Non-Credit Workforce Training Program   Credential</b>
<b>25-0000 Education, Training, and Library Occupations</b> 252021 Elementary School Teachers, Except Special Education 259041 Teacher Assistants 252031 Secondary School Teachers, Except Special and Career/Technical Education 253098 Substitute Teachers 252022 Middle School Teachers, Except Special and Career/Technical Education 252011 Preschool Teachers, Except Special Education 253099 Teachers and Instructors, All Other 253021 Self-Enrichment Education Teachers 252012 Kindergarten Teachers, Except Special Education 254031 Library Technicians 252052 Special Education Teachers, Kindergarten and Elementary School	<b>Google Certified Educator (Level I, Level II) - Google</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> </ul> <b>Teacher License – Virginia Department of Education</b> <ul style="list-style-type: none"> <li>• Community College Workforce Alliance</li> <li>• Lord Fairfax Community College</li> <li>• Southwest Virginia Community College</li> </ul> <b>TESOL Certification – Virginia Department of Education</b> <ul style="list-style-type: none"> <li>• Community College Workforce Alliance</li> </ul>

**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

252032	Career/Technical Education Teachers, Secondary School	
251191	Graduate Teaching Assistants	
252054	Special Education Teachers, Secondary School	
253011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	
252053	Special Education Teachers, Middle School	

<b>Healthcare Practitioners and Technical Occupations</b>		
<b>Standard Occupational Codes   Demand Occupations</b>		<b>Related Non-Credit Workforce Training Program   Credential</b>
<b>29-0000 Healthcare Practitioners and Technical Occupations</b>		<b>Advanced Emergency Medical Technician (AEMT) - National Registry of Emergency Medical Technicians</b>
291141	Registered Nurses	<ul style="list-style-type: none"> <li>Dabney S. Lancaster Community College</li> </ul>
292061	Licensed Practical and Licensed Vocational Nurses	<b>EKG Technician - National Healthcareer Association</b>
292041	Emergency Medical Technicians and Paramedics	<ul style="list-style-type: none"> <li>Central Virginia Community College</li> <li>Community College Workforce Alliance</li> </ul>
292021	Dental Hygienists	<b>Emergency Medical Responder - National Registry of Emergency Medical Technicians</b>
292052	Pharmacy Technicians	<ul style="list-style-type: none"> <li>Dabney S. Lancaster Community College</li> </ul>
292012	Medical and Clinical Laboratory Technicians	<b>Emergency Medical Technician - National Registry of Emergency Medical Technicians</b>
292011	Medical and Clinical Laboratory Technologists	<ul style="list-style-type: none"> <li>Dabney S. Lancaster Community College</li> <li>Danville Community College</li> </ul>
292071	Medical Records and Health Information Technicians	<b>Emergency Medical Technician – Intermediate - Virginia Office of Emergency Medical Services</b>
292034	Radiologic Technologists	<ul style="list-style-type: none"> <li>Dabney S. Lancaster Community College</li> <li>Danville Community College</li> </ul>
292081	Opticians, Dispensing	<b>Pharmacy Technician - Virginia Board of Pharmacy</b>
292056	Veterinary Technologists and Technicians	<ul style="list-style-type: none"> <li>Blue Ridge Community College</li> <li>Northern Virginia Community College</li> <li>Southwest Virginia Community College</li> <li>Thomas Nelson Community College</li> <li>Virginia Highlands Community College</li> <li>Virginia Western Community College</li> </ul>
292032	Diagnostic Medical Sonographers	<b>Registered Nurse (Return to Training, Non-credit) - Virginia Board of Nursing</b>
292055	Surgical Technologists	<ul style="list-style-type: none"> <li>Southwest Virginia Community College</li> </ul>
299011	Occupational Health and Safety Specialists	
292031	Cardiovascular Technologists and Technicians	
292099	Health Technologists and Technicians, All Other	
291126	Respiratory Therapists	
299099	Healthcare Practitioners and Technical Workers, All Other	

<b>Healthcare Support Occupations</b>		
<b>Standard Occupational Codes   Demand Occupations</b>		<b>Related Non-Credit Workforce Training Program   Credential</b>
<b>31-0000 Healthcare Support Occupations</b>		<b>Certified Massage Therapist - Virginia Board of Nursing</b>
311014	Nursing Assistants	<ul style="list-style-type: none"> <li>Blue Ridge Community College</li> <li>Southside Virginia Community College</li> </ul>
319092	Medical Assistants	<b>Certified Nurse Aide - Virginia Board of Nursing</b>
319091	Dental Assistants	<ul style="list-style-type: none"> <li>Blue Ridge Community College</li> <li>Community College Workforce Alliance</li> <li>Dabney S. Lancaster Community College</li> <li>Danville Community College</li> <li>Lord Fairfax Community College</li> <li>Northern Virginia Community College</li> <li>Patrick Henry Community College</li> <li>Piedmont Virginia Community College</li> </ul>
319097	Phlebotomists	
319096	Veterinary Assistants and Laboratory Animal Caretakers	
319011	Massage Therapists	
312021	Physical Therapist Assistants	
312022	Physical Therapist Aides	
319099	Healthcare Support Workers, All Other	
319094	Medical Transcriptionists	
312011	Occupational Therapy Assistants	

**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

	<ul style="list-style-type: none"> <li>• Southside Virginia Community College</li> <li>• Southwest Virginia Community College</li> <li>• Thomas Nelson Community College</li> <li>• Virginia Western Community College</li> <li>• Wytheville Community College</li> </ul> <p><b>Clinical Medical Assistant - American Medical Certification Association</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Central Virginia Community College</li> <li>• Community College Workforce Alliance</li> <li>• Dabney S. Lancaster Community College</li> <li>• Lord Fairfax Community College</li> <li>• Northern Virginia Community College</li> <li>• Patrick Henry Community College</li> <li>• Piedmont Virginia Community College</li> <li>• Thomas Nelson Community College</li> <li>• Tidewater Community College</li> </ul> <p><b>Medical Assistant - National Center for Competency Testing</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> </ul> <p><b>Medication Aide - Virginia Board of Nursing</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Patrick Henry Community College</li> <li>• Southside Virginia Community College</li> <li>• Virginia Western Community College</li> </ul> <p><b>Phlebotomy Technician - National Healthcareer Association</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Central Virginia Community College</li> <li>• Community College Workforce Alliance</li> <li>• Dabney S. Lancaster Community College</li> <li>• Lord Fairfax Community College</li> <li>• Patrick Henry Community College</li> <li>• Piedmont Virginia Community College</li> <li>• Southside Virginia Community College</li> <li>• Southwest Virginia Community College</li> <li>• Thomas Nelson Community College</li> <li>• Virginia Highlands Community College</li> </ul> <p><b>Registered Medical Assistant (RMA) - American Association of Medical Technologists</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> </ul>
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Office and Administrative Support Occupations</b>	
<b>Standard Occupational Codes   Demand Occupations</b>	<b>Related Non-Credit Workforce Training Program   Credential</b>
<b>43-0000 Office and Administrative Support Occupations</b> 439061 Office Clerks, General 434051 Customer Service Representatives 431011 First-Line Supervisors of Office and Administrative Support Workers 434171 Receptionists and Information Clerks 433031 Bookkeeping, Accounting, and Auditing Clerks 436014 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive 433071 Tellers 433021 Billing and Posting Clerks 435071 Shipping, Receiving, and Traffic Clerks 433011 Bill and Account Collectors 436013 Medical Secretaries 434081 Hotel, Motel, and Resort Desk Clerks	<b>Advanced Customer Services and Sales Certification - National Retail Federation</b> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> </ul> <b>Certified Associate in Project Management (CAPM) - Project Management Institute</b> <ul style="list-style-type: none"> <li>• Piedmont Virginia Community College</li> </ul> <b>Certified Billing and Coding Specialist (CBCS) - National Healthcareer Association</b> <ul style="list-style-type: none"> <li>• Northern Virginia Community College</li> <li>• Patrick Henry Community College</li> <li>• Tidewater Community College</li> <li>• Virginia Western Community College</li> </ul> <b>Certified Medical Administrative Assistant (CMAA) - National Healthcareer Association</b>

## NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM

### DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS

436011 Executive Secretaries and Executive Administrative Assistants 435061 Production, Planning, and Expediting Clerks 439199 Office and Administrative Support Workers, All Other 435052 Postal Service Mail Carriers 434199 Information and Record Clerks, All Other 439041 Insurance Claims and Policy Processing Clerks 434121 Library Assistants, Clerical 435032 Dispatchers, Except Police, Fire, and Ambulance 435031 Police, Fire, and Ambulance Dispatchers 433051 Payroll and Timekeeping Clerks 434061 Eligibility Interviewers, Government Programs 434161 Human Resources Assistants, Except Payroll and Timekeeping 434151 Order Clerks 439051 Mail Clerks and Mail Machine Operators, Except Postal Service 433061 Procurement Clerks 434131 Loan Interviewers and Clerks 434071 File Clerks 434111 Interviewers, Except Eligibility and Loan 439021 Data Entry Keyers 434031 Court, Municipal, and License Clerks 435011 Cargo and Freight Agents 434181 Reservation and Transportation Ticket Agents and Travel Clerks 434011 Brokerage Clerks	<ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> <li>• Virginia Western Community College</li> </ul> <b>Certified Professional Coder - American Association of Professional Coders</b> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Central Virginia Community College</li> <li>• Tidewater Community College</li> </ul> <b>Customer Services and Sales Certification - National Retail Federation</b> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Community College Workforce Alliance</li> <li>• <b>Paul D. Camp Community College</b></li> </ul> <b>Medical Coding &amp; Billing Specialist - American Medical Certification Association</b> <ul style="list-style-type: none"> <li>• Community College Workforce Alliance</li> </ul> <b>Pre-licensing for Life, Health, and Annuities Insurance - State Corporation Commission Bureau of Insurance Agents Licensing Section</b> <ul style="list-style-type: none"> <li>• Southwest Virginia Community College</li> </ul> <b>Pre-licensing Property and Casualty Insurance - State Corporation Commission Bureau of Insurance Agents Licensing Section</b> <ul style="list-style-type: none"> <li>• Southwest Virginia Community College</li> </ul> <b>Project Management Professional (PMP) - Project Management Institute</b> <ul style="list-style-type: none"> <li>• Central Virginia Community College</li> <li>• Piedmont Virginia Community College</li> <li>• Virginia Western Community College</li> </ul> <b>Senior Professional in Human Resources - Human Resources Certification Institute</b> <ul style="list-style-type: none"> <li>• Danville Community College</li> </ul> <b>SHRM Certified Professional (SHRM-CP) - Society for Human Resource Management</b> <ul style="list-style-type: none"> <li>• Central Virginia Community College</li> </ul>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Construction and Extraction Occupations	
Standard Occupational Codes   Demand Occupations	Related Non-Credit Workforce Training Program   Credential
<b>47-0000 Construction and Extraction Occupations</b> 472031 Carpenters 471011 First-Line Supervisors of Construction Trades and Extraction Workers 472111 Electricians 472073 Operating Engineers and Other Construction Equipment Operators 472152 Plumbers, Pipefitters, and Steamfitters 472211 Sheet Metal Workers 473013 Helpers--Electricians 474011 Construction and Building Inspectors 472021 Brickmasons and Blockmasons 472221 Structural Iron and Steel Workers 474051 Highway Maintenance Workers 472071 Paving, Surfacing, and Tamping Equipment Operators 473015 Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters 472132 Insulation Workers, Mechanical	<b>Carpentry Level 1 and 2 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Southwest Virginia Community College</li> </ul> <b>Construction Project Management - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> </ul> <b>Contractor's License</b> <ul style="list-style-type: none"> <li>• Southwest Virginia Community College</li> </ul> <b>Core-Introductory Craft Skills - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Central Virginia Community College</li> <li>• Dabney S. Lancaster Community College</li> <li>• Germanna Community College</li> <li>• Lord Fairfax Community College</li> <li>• Mountain Empire Community College</li> <li>• <b>Southside Virginia Community College</b></li> </ul> <b>Data Cabling Installer - Electronic Technicians Association</b> <ul style="list-style-type: none"> <li>• Rappahannock Community College</li> </ul> <b>Electrical - Level 1 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Central Virginia Community College</li> <li>• Dabney S. Lancaster Community College</li> <li>• Danville Community College</li> <li>• Lord Fairfax Community College</li> </ul>

**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

	<ul style="list-style-type: none"> <li>• Mountain Empire Community College</li> <li>• Piedmont Virginia Community College</li> <li>• Southside Virginia Community College</li> <li>• Thomas Nelson Community College</li> </ul> <p><b>Electrical - Level 2 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Central Virginia Community College</li> <li>• Dabney S. Lancaster Community College</li> <li>• Danville Community College</li> <li>• Lord Fairfax Community College</li> <li>• Mountain Empire Community College</li> <li>• Southside Virginia Community College</li> <li>• Thomas Nelson Community College</li> </ul> <p><b>Electrical - Level 3 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Dabney S. Lancaster Community College</li> <li>• Danville Community College</li> <li>• Lord Fairfax Community College</li> <li>• Southside Virginia Community College</li> </ul> <p><b>Electrical - Level 4 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Dabney S. Lancaster Community College</li> <li>• Danville Community College</li> <li>• Lord Fairfax Community College</li> <li>• Southside Virginia Community College</li> </ul> <p><b>Electrical Journeyman - Virginia Board of Contractors</b></p> <ul style="list-style-type: none"> <li>• Danville Community College</li> </ul> <p><b>Electrical Tradesman License Renewal - Virginia Board of Contractors</b></p> <ul style="list-style-type: none"> <li>• Danville Community College</li> </ul> <p><b>Fiber Optic Installer - Electronic Technicians Association</b></p> <ul style="list-style-type: none"> <li>• Rappahannock Community College</li> </ul> <p><b>Pipefitting - Level 1 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Dabney S. Lancaster Community College</li> </ul> <p><b>Pipefitting - Level 2 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Dabney S. Lancaster Community College</li> </ul> <p><b>Pipefitting - Level 3 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Dabney S. Lancaster Community College</li> </ul> <p><b>Pipefitting - Level 4 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Dabney S. Lancaster Community College</li> </ul> <p><b>Plumbing - Level 1 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> <li>• Mountain Empire Community College</li> </ul> <p><b>Plumbing - Level 2 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> </ul> <p><b>Plumbing - Level 3 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> </ul> <p><b>Plumbing - Level 4 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> </ul> <p><b>Plumbing Tradesman License Renewal - Virginia Board of Contractors</b></p> <ul style="list-style-type: none"> <li>• Danville Community College</li> </ul> <p><b>VDOT Asphalt Field Level 1 - Virginia Department of Transportation</b></p> <ul style="list-style-type: none"> <li>• Germanna Community College</li> </ul> <p><b>VDOT Asphalt Plant Level 1 - Virginia Department of Transportation</b></p>
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

	<ul style="list-style-type: none"> <li>• Germanna Community College</li> </ul> <b>Work Zone Flagger - Virginia Department of Transportation</b> <ul style="list-style-type: none"> <li>• Patrick Henry Community College</li> </ul>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Installation, Maintenance, and Repair Occupations</b>	
<b>Standard Occupational Codes   Demand Occupations</b>	<b>Related Non-Credit Workforce Training Program   Credential</b>
<b>49-000 Installation, Maintenance, and Repair Occupations</b> 499071 Maintenance and Repair Workers, General 493023 Automotive Service Technicians and Mechanics 491011 First-Line Supervisors of Mechanics, Installers, and Repairers 499041 Industrial Machinery Mechanics 499021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers 493031 Bus and Truck Mechanics and Diesel Engine Specialists 499098 Helpers--Installation, Maintenance, and Repair Workers 499052 Telecommunications Line Installers and Repairers 493021 Automotive Body and Related Repairers 499051 Electrical Power-Line Installers and Repairers 493042 Mobile Heavy Equipment Mechanics, Except Engines 492022 Telecommunications Equipment Installers and Repairers, Except Line Installers 492098 Security and Fire Alarm Systems Installers 492011 Computer, Automated Teller, and Office Machine Repairers 493093 Tire Repairers and Changers 499099 Installation, Maintenance, and Repair Workers, All Other 499043 Maintenance Workers, Machinery 493011 Aircraft Mechanics and Service Technicians 499031 Home Appliance Repairers	<b>2-Stroke Engine Repair Certification - Equipment and Engine Training Council (EETC)</b> <ul style="list-style-type: none"> <li>• Piedmont Virginia Community College</li> </ul> <b>4-Stroke Engine Repair Certification - Equipment and Engine Training Council (EETC)</b> <ul style="list-style-type: none"> <li>• Piedmont Virginia Community College</li> </ul> <b>Driveline/Hydraulics Certification - Equipment and Engine Training Council</b> <ul style="list-style-type: none"> <li>• Piedmont Virginia Community College</li> </ul> <b>Electrical Systems Certification - Equipment and Engine Training Council</b> <ul style="list-style-type: none"> <li>• Piedmont Virginia Community College</li> </ul> <b>HVAC - Level 1 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> <li>• Mountain Empire Community College</li> <li>• Piedmont Virginia Community College</li> </ul> <b>HVAC - Level 2 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> </ul> <b>HVAC - Level 3 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> </ul> <b>HVAC - Level 4 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> </ul> <b>HVAC Tradesman License Renewal - Virginia Board of Contractors</b> <ul style="list-style-type: none"> <li>• Danville Community College</li> </ul> <b>Industrial Maintenance Mechanic - Level 1 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> <li>• Southside Virginia Community College</li> </ul> <b>Industrial Maintenance Mechanic - Level 2 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> <li>• Southside Virginia Community College</li> </ul> <b>Industrial Maintenance Mechanic - Level 3 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> <li>• Southside Virginia Community College</li> </ul> <b>Industrial Maintenance Mechanic - Level 4 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Lord Fairfax Community College</li> <li>• Southside Virginia Community College</li> </ul> <b>Masonry Level 1 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Southwest Virginia Community College</li> </ul> <b>Masonry Level 2 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>• Southwest Virginia Community College</li> </ul> <b>Power Line Worker 1 - National Center for Construction Education and Research (NCCER)</b>



**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

• Southside Virginia Community College

<b>Production Occupations</b>	
<b>Standard Occupational Codes   Demand Occupations</b>	<b>Related Non-Credit Workforce Training Program   Credential</b>
<b>51-0000 Production Occupations</b> 514121 Welders, Cutters, Solderers, and Brazers 514041 Machinists 519061 Inspectors, Testers, Sorters, Samplers, and Weighers 511011 First-Line Supervisors of Production and Operating Workers 519199 Production Workers, All Other 519111 Packaging and Filling Machine Operators and Tenders 512092 Team Assemblers 518031 Water and Wastewater Treatment Plant and System Operators 515112 Printing Press Operators 512099 Assemblers and Fabricators, All Other 519151 Photographic Process Workers and Processing Machine Operators 512041 Structural Metal Fabricators and Fitters 514122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders 514011 Computer-Controlled Machine Tool Operators, Metal and Plastic 517041 Sawing Machine Setters, Operators, and Tenders, Wood 513092 Food Batchmakers 519041 Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders 519023 Mixing and Blending Machine Setters, Operators, and Tenders	<b>Backflow Prevention Device Certification - Virginia Board of Contractors</b> <ul style="list-style-type: none"> <li>Central Virginia Community College</li> <li>Danville Community College</li> </ul> <b>Certified Production Technician - Manufacturing Skills Standards Council (MSSC)</b> <ul style="list-style-type: none"> <li>Central Virginia Community College</li> <li>Danville Community College</li> <li>Patrick Henry Community College</li> <li>Virginia Western Community College</li> </ul> <b>Certified Welder - American Welding Society (AWS)</b> <ul style="list-style-type: none"> <li>Central Virginia Community College</li> <li>Danville Community College</li> <li>Northern Virginia Community College</li> <li>Paul D. Camp Community College</li> <li>Piedmont Virginia Community College</li> <li>Rappahannock Community College</li> <li>Thomas Nelson Community College</li> <li>Tidewater Community College</li> <li>Virginia Western Community College</li> <li>Wytheville Community College</li> </ul> <b>Drill Press Skills - National Institute for Metalworking Skills</b> <ul style="list-style-type: none"> <li>Blue Ridge Community College</li> <li>Southside Virginia Community College</li> </ul> <b>Flux Core Arc Welding (FCAW) - American Welding Society (AWS)</b> <ul style="list-style-type: none"> <li>Blue Ridge Community College</li> <li>Dabney S. Lancaster Community College</li> <li>Rappahannock Community College</li> <li>Thomas Nelson Community College</li> <li>Virginia Western Community College</li> </ul> <b>Gas Metal Arc Welding (GMAW) - American Welding Society (AWS)</b> <ul style="list-style-type: none"> <li>Dabney S. Lancaster Community College</li> <li>Danville Community College</li> <li>Lord Fairfax Community College</li> <li>Rappahannock Community College</li> <li>Thomas Nelson Community College</li> <li>Virginia Western Community College</li> <li>Wytheville Community College</li> </ul> <b>Gas Tungsten Arc Welding (GTAW) - American Welding Society (AWS)</b> <ul style="list-style-type: none"> <li>Blue Ridge Community College</li> <li>Dabney S. Lancaster Community College</li> <li>Danville Community College</li> <li>Rappahannock Community College</li> <li>Thomas Nelson Community College</li> </ul> <b>Grinding Skills I - National Institute for Metalworking Skills</b> <ul style="list-style-type: none"> <li>Blue Ridge Community College</li> <li>Southside Virginia Community College</li> </ul> <b>IPC-A-610 Soldering - Association Connecting Electronics Industries</b> <ul style="list-style-type: none"> <li>Blue Ridge Community College</li> </ul> <b>Job Planning, Benchwork &amp; Layout - National Institute for Metalworking Skills</b> <ul style="list-style-type: none"> <li>Blue Ridge Community College</li> </ul>



**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

	<ul style="list-style-type: none"> <li>• Southside Virginia Community College</li> </ul> <p><b>J-STD-001 Soldering - Association Connecting Electronics Industries</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> </ul> <p><b>Level I CNC Milling: Operations - National Institute for Metalworking Skills</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Danville Community College</li> <li>• Southside Virginia Community College</li> <li>• Tidewater Community College</li> </ul> <p><b>Level I CNC Milling: Programming Setup &amp; Operations - National Institute for Metalworking Skills</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Danville Community College</li> <li>• Southside Virginia Community College</li> </ul> <p><b>Level I CNC Turning: Operations - National Institute for Metalworking Skills</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Danville Community College</li> <li>• Southside Virginia Community College</li> </ul> <p><b>Level I CNC Turning: Programming Setup &amp; Operations - National Institute for Metalworking Skills</b></p> <ul style="list-style-type: none"> <li>• Danville Community College</li> <li>• Southside Virginia Community College</li> </ul> <p><b>Level II CNC Milling Skills II - National Institute for Metalworking Skills</b></p> <ul style="list-style-type: none"> <li>• Danville Community College</li> </ul> <p><b>Level II CNC Turning Skills II - National Institute for Metalworking Skills</b></p> <ul style="list-style-type: none"> <li>• Danville Community College</li> </ul> <p><b>Manual Milling Skills I - National Institute for Metalworking Skills</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Southside Virginia Community College</li> </ul> <p><b>Manufacturing Specialist (MS) - Virginia Manufacturers Association</b></p> <ul style="list-style-type: none"> <li>• Central Virginia Community College</li> <li>• Community College Workforce Alliance</li> <li>• Danville Community College</li> <li>• Lord Fairfax Community College</li> <li>• Thomas Nelson Community College</li> <li>• Virginia Highlands Community College</li> </ul> <p><b>Manufacturing Technician 1 (MT1) - Virginia Manufacturers Association</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Central Virginia Community College</li> <li>• Community College Workforce Alliance</li> <li>• Dabney S. Lancaster Community College</li> <li>• Danville Community College</li> <li>• Lord Fairfax Community College</li> <li>• Paul D. Camp Community College</li> <li>• Rappahannock Community College</li> <li>• Thomas Nelson Community College</li> <li>• Virginia Highlands Community College</li> <li>• Virginia Western Community College</li> </ul> <p><b>Measurement, Materials, and Safety - National Institute for Metalworking Skills</b></p> <ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Danville Community College</li> <li>• Southside Virginia Community College</li> </ul> <p><b>Millwright - Level 1 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Dabney S. Lancaster Community College</li> </ul> <p><b>Millwright - Level 2 - National Center for Construction Education and Research (NCCER)</b></p> <ul style="list-style-type: none"> <li>• Dabney S. Lancaster Community College</li> </ul> <p><b>Millwright - Level 3 - National Center for Construction Education and Research (NCCER)</b></p>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

	<ul style="list-style-type: none"> <li>Dabney S. Lancaster Community College</li> </ul> <b>Millwright - Level 4 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>Dabney S. Lancaster Community College</li> </ul> <b>Millwright - Level 5 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>Dabney S. Lancaster Community College</li> </ul> <b>Shielded Metal Arc Welding (SMAW) - American Welding Society (AWS)</b> <ul style="list-style-type: none"> <li>Blue Ridge Community College</li> <li>Dabney S. Lancaster Community College</li> <li>Lord Fairfax Community College</li> <li>Piedmont Virginia Community College</li> <li>Rappahannock Community College</li> <li>Thomas Nelson Community College</li> </ul> <b>Siemens Automation Fundamentals Certificate - Siemens</b> <ul style="list-style-type: none"> <li>Patrick Henry Community College</li> </ul> <b>Siemens Mechatronic Systems Certification Program Level 1 - Siemens</b> <ul style="list-style-type: none"> <li>Patrick Henry Community College</li> <li>Virginia Highlands Community College</li> <li>Virginia Western Community College</li> </ul> <b>Siemens Mechatronic Systems Certification Program Level 1 - Siemens</b> <ul style="list-style-type: none"> <li>Danville Community College</li> </ul> <b>Six Sigma Green Belt - American Society for Quality</b> <ul style="list-style-type: none"> <li>Virginia Highlands Community College</li> </ul> <b>Six Sigma Yellow Belt - American Society for Quality</b> <ul style="list-style-type: none"> <li>Virginia Highlands Community College</li> </ul> <b>Turning Operations: Turning Between Centers - National Institute for Metalworking Skills</b> <ul style="list-style-type: none"> <li>Blue Ridge Community College</li> </ul> <b>Turning Operations: Turning Chucking Skills - National Institute for Metalworking Skills</b> <ul style="list-style-type: none"> <li>Blue Ridge Community College</li> </ul> <b>Welding - Level 1 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>Central Virginia Community College</li> <li>Mountain Empire Community College</li> <li>Southside Virginia Community College</li> <li>Virginia Western Community College</li> </ul> <b>Welding - Level 2 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>Central Virginia Community College</li> <li>Southside Virginia Community College</li> </ul> <b>Welding - Level 3 - National Center for Construction Education and Research (NCCER)</b> <ul style="list-style-type: none"> <li>Southside Virginia Community College</li> </ul>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>Transportation and Material Moving Occupations</b>	
<b>Standard Occupational Codes   Demand Occupations</b>	<b>Approved Related Non-Credit Workforce Training Programs</b>
<b>53-0000 Transportation and Material Moving Occupations</b> 533032 Heavy and Tractor-Trailer Truck Drivers 533022 Bus Drivers, School or Special Client 533033 Light Truck or Delivery Services Drivers 533031 Driver/Sales Workers 531031 First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators 531021 First-Line Supervisors of Helpers, Laborers, and Material Movers,	<b>Certified Logistics Associate - Manufacturing Skills Standards Council (MSSC)</b> <ul style="list-style-type: none"> <li>Community College Workforce Alliance</li> </ul> <b>Certified Logistics Technician - Manufacturing Skills Standards Council (MSSC)</b> <ul style="list-style-type: none"> <li>Community College Workforce Alliance</li> </ul> <b>Commercial Driver's License - Virginia Department of Motor Vehicles</b> <ul style="list-style-type: none"> <li>Central Virginia Community College</li> </ul>

**NEW ECONOMY WORKFORCE CREDENTIAL GRANT PROGRAM**  
**DEMAND FIELDS AND RELATED NONCREDIT WORKFORCE TRAINING PROGRAMS/CREDENTIALS**

Hand		
533021	Bus Drivers, Transit and Intercity	
535021	Captains, Mates, and Pilots of Water Vessels	
537021	Crane and Tower Operators	
535031	Ship Engineers	
536099	Transportation Workers, All Other	
532011	Airline Pilots, Copilots, and Flight Engineers	
532021	Air Traffic Controllers	
532031	Flight Attendants	
		<ul style="list-style-type: none"> <li>• Community College Workforce Alliance</li> <li>• Danville Community College</li> <li>• Lord Fairfax Community College</li> <li>• New River Community College</li> <li>• Northern Virginia Community College</li> <li>• Patrick Henry Community College</li> <li>• Paul D. Camp Community College</li> <li>• Piedmont Virginia Community College</li> <li>• Rappahannock Community College</li> <li>• Southside Virginia Community College</li> <li>• Thomas Nelson Community College</li> <li>• Tidewater Community College</li> <li>• Virginia Western Community College</li> <li>• Wytheville Community College</li> </ul>
		<b>Commercial Driver's License Class A endorsement - Virginia Department of Motor Vehicles</b>
		<ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> <li>• Dabney S. Lancaster Community College</li> <li>• New River Community College</li> <li>• Virginia Highlands Community College</li> </ul>
		<b>Commercial Driver's License Class B endorsement - Virginia Department of Motor Vehicles</b>
		<ul style="list-style-type: none"> <li>• Blue Ridge Community College</li> </ul>